

1631

---

# ARNOLD & PORTER

---



Commissioner for Patents  
Washington, DC 20231

May 14, 2002

Holly Logue Prutz  
Holly\_Prutz@aporter.com

202.942.5243  
202.942.5999 Fax

555 Twelfth Street, NW  
Washington, DC 20004-1206

TECH CENTER 1600/2900

MAY 16 2002

RECEIVED

**Attn: Box Non-Fee Amendment**

Re: U.S. Patent Application No. 09/553,094  
Filed: April 18, 2000  
For: **Nucleic Acid Molecules and Other Molecules Associated  
with Plants**  
Inventors: Scott ANDERSON *et al.*  
Our Ref: 16517.001/38-21(15503)B

Sir:

Transmitted herewith are the following documents for appropriate action by the  
U.S. Patent and Trademark Office:

1. Amendment and Response to Office Action; and
2. Return postcard.

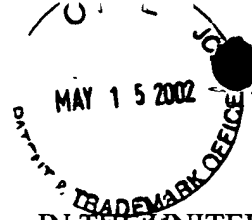
Please stamp the attached postcard with the filing date of these documents and  
return it to our courier.

Applicants do not believe that any fees are required with the submission of this  
filing. If, however, any fees are due in conjunction with this filing, including any  
extension of time fees required to prevent abandonment of this application, then such  
extension fees are hereby petitioned, and the Commissioner is authorized to charge any  
fee deficiency and/or credit any overpayment to our Deposit Account No. 50-1824,  
referencing matter number 16517.001/38-21(15503)B. A duplicate copy of this letter is  
enclosed.

Respectfully submitted,

David R. Marsh (Reg. No. 41,408)  
June E. Cohan (Reg. No. 43,741)  
Holly Logue Prutz (Reg. No. 47,755)

Attachments



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Scott ANDERSON *et al.*

Appl. No.: 09/553,094

Filed: April 18, 2000

For: *Nucleic Acid Molecules and Other  
Molecules Associated with Plants*

Art Unit: 1631

Examiner: M. MORAN

Atty. Docket: 16517.001/38-21(15503)B

RECEIVED  
MAY 16 2002  
TECH CENTER 1600/2900

#10/A

P/unk  
8/6/02

**Amendment and Response to Office Action**

***Box Non-fee Amendment***

Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Office Action mailed February 15, 2002, Applicants submit the following amendments and remarks.

**IN THE SPECIFICATION**

Please delete the paragraph on page 5, lines 16-23 and replace it with the following paragraph:

Similarity analysis includes database search and alignment. Examples of public databases include the DNA Database of Japan (DDBJ) ([www-ddbj.nig.ac.jp/](http://www-ddbj.nig.ac.jp/)); Genebank ([www-ncbi.nlm.nih.gov/web/Genbank/Index.html](http://www-ncbi.nlm.nih.gov/web/Genbank/Index.html)); and the European Molecular Biology Laboratory Nucleic Acid Sequence Database (EMBL) ([www-edi.ac.uk/ebi\\_docs/embl\\_db.html](http://www-edi.ac.uk/ebi_docs/embl_db.html)). A number of different search algorithms have been developed, one example of which are the suite of programs referred to as BLAST programs. There are five implementations of BLAST, three designed for nucleotide sequence queries (BLASTN, BLASTX, and TBLASTX) and two designed for protein

OK